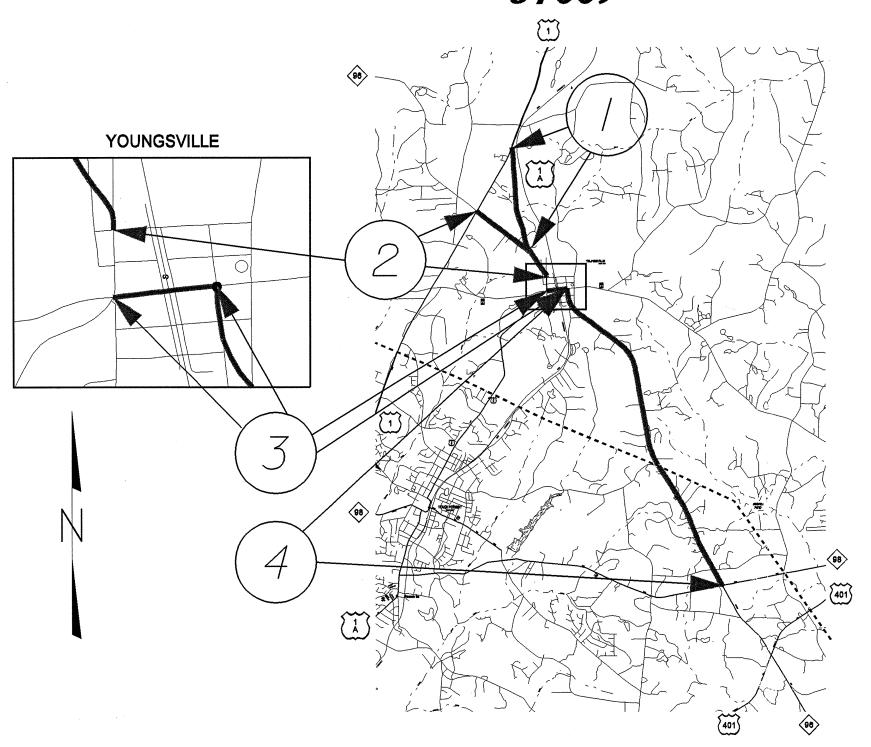
# *MA05022R* 37669

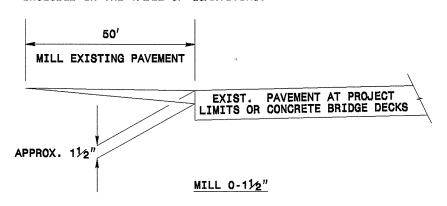


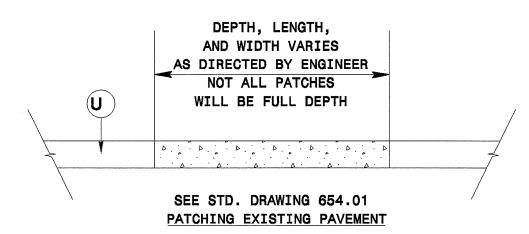
Franklin and Wake Counties

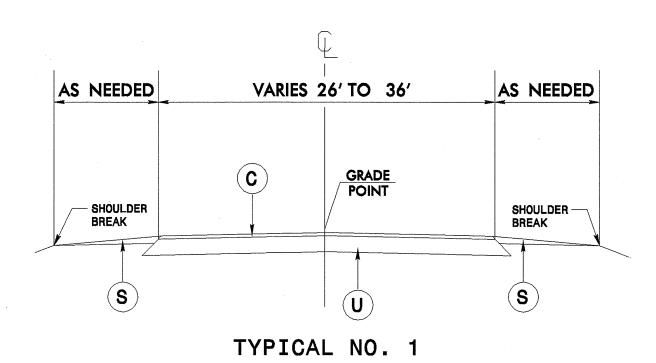
WBS ELEMENT	SHEET NO.	TOTAL NO.
37669	1	
MA05022R		

#### NOTES

ALL UNPAVED S.R. ROADS TO BE RESURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADII, OR AS DIRECTED BY THE ENGINEER. EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES.

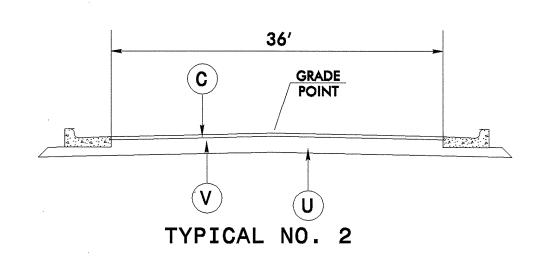






WBS Element	SHEET NO.	TOTAL SHEETS
37669	2	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
MA05022R		

	PAVEMENT SCHEDULE							
С	PROP. APPROX. 3.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.							
U	EXISTING PAVEMENT.							
V	MILLING 2.5"							
S	SHOULDER RECONSTRUCTION.							



WBS Element	SHEET NO.	TOTAL NO.
37669	3	
MA05022R		

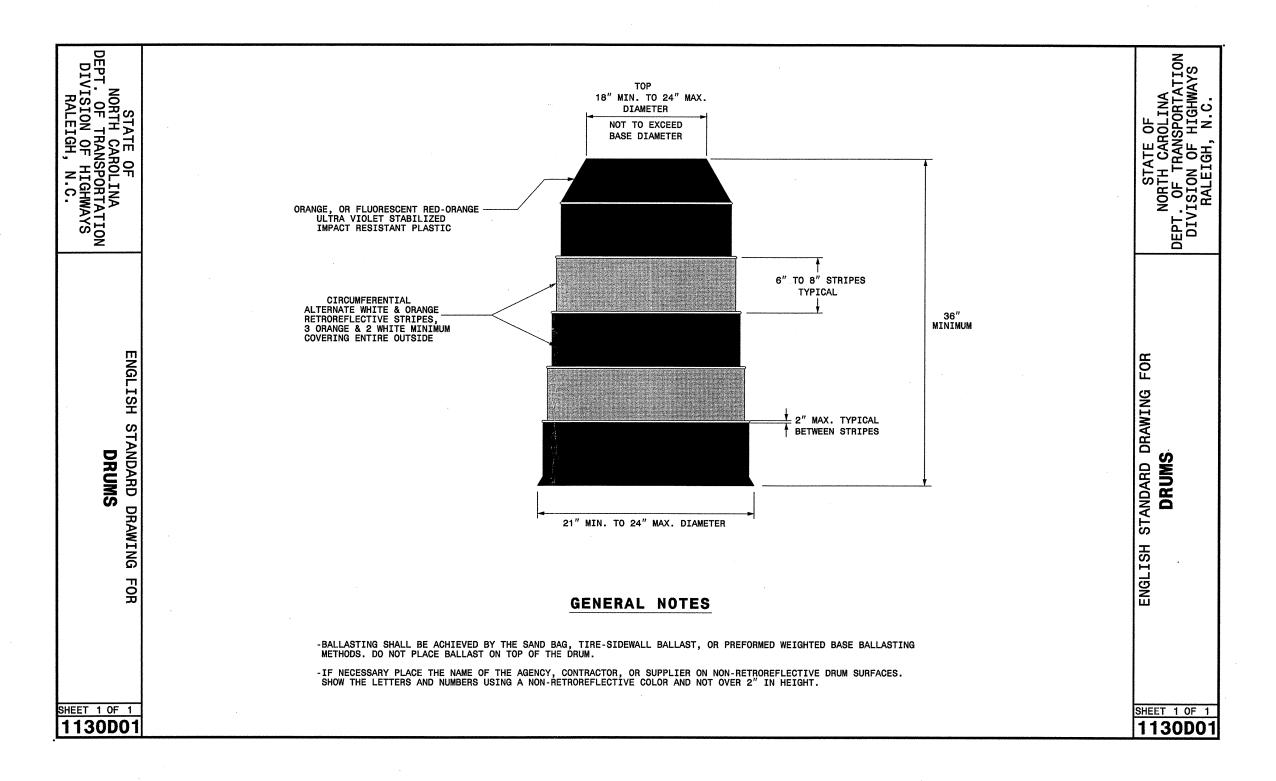
## SUMMARY OF QUANTITIES

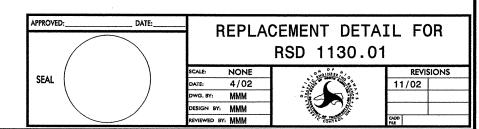
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LENGTH	WIDTH	INCIDENTAL STONE BASE	SHOULDER RECONSTR UCTION	2.5" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	PG 64-22 PLANT MIX	PATCHING EXISTING PAVEMENT	MANHOLES	SEED & MULCHING	INDUCTIVE LOOP
NO		NO			NO	MI	FT	TONS	SMI	SY	SY	TONS	TONS	TONS	EA	AC	LF
37669	Franklin	1	US 1A	FROM US 1 TO NC 96	1	1.5	26	75	3		800	4,075	244	200		2.25	
		2	NC 96	FROM US 1 TO WINSTON ST	1	1.4	26	70	2.8		1050	3,803	228	200		2.10	1,200
				C&G SECTION THROUGH													
		3	NC 96	YOUNGSVILLE	2	0.3	36			6336		1,072	64	30	5		2,400
	Franklin			FROM MAIN ST IN YOUNGSVILLE													
	Wake	4	NC 96	TO NC 98 IN WAKE CO.	1	5.09	26	255	10.18		3600	13,827	830	700		7.64	
TOTAL	FOR PRO	NO.	37669			8.29		400	15.98	6336	5450	22,777	1,366	1,130	5	11.99	3,600.00
	<del></del>																
	GRAND TO	TAL	The state of the s			8.29		400	15.98	6336	5450	22.777	1.366	1.130	5	11.99	3,600,00

## THERMOPLASTIC AND PAINT QUANTITIES

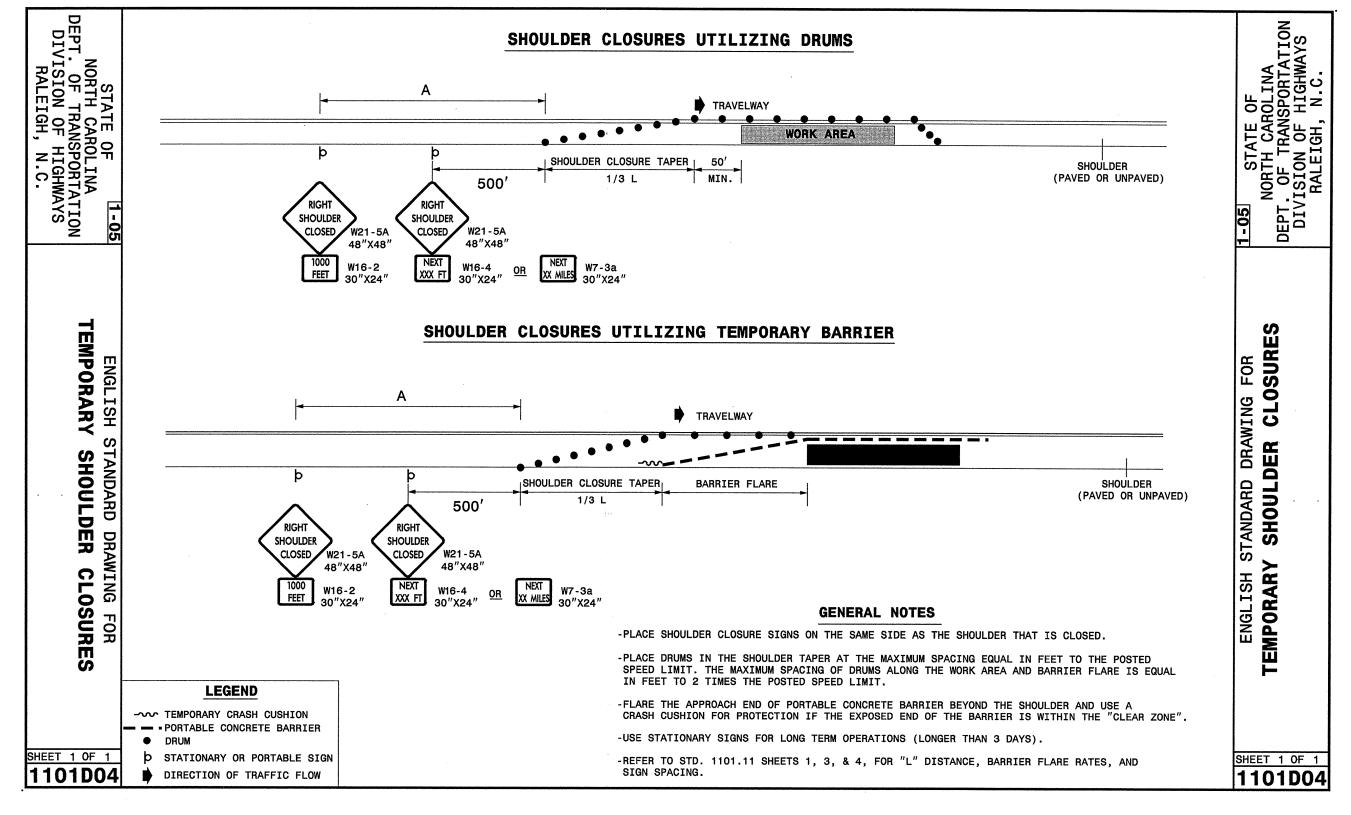
					4685000000-E	468600	0000-E	4705000000-E	4721000000-E	4725000000-E	4810000000-E	4830000000-Б	4835000000-E	4840000000-N	490000000-N	490000000-N
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	4" X 90 M	4" X 120 M	4" X 120 M	16" X 120 M	THERMO	THERMO LT	4" YELLOW	16" WHITE	24" WHITE	PAINT MSG	YELLOW &	CRYSTAL &
					WHITE	YELLOW	WHITE	WHITE	RXR 120 M	ARROW	PAINT	PAINT	PAINT	RXR	YELLOW	RED
				•	THERMO	THERMO	THERMO	THERMO		90 M					MARKERS	MARKERS
NO		NO			LF .	LF	LF	LF	EA	EA	LF	LF	LF	EA	EA	EA
37669	Franklin	1	US 1A	FROM US 1 TO NC 96	16,140	15,840	100			2	15,840				99	10
		2	NC 96	FROM US 1 TO WINSTON ST	15,064	14,784	200			2	14,784				92	10
				C&G SECTION THROUGH											,	
		3	NC 96	YOUNGSVILLE		3,168		200	4		3,168	100	122	4		
	Franklin			FROM MAIN ST IN YOUNGSVILLE												
	Wake	4	NC 96	TO NC 98 IN WAKE CO.	54,768	53,750					53,750				336	
TOTAL	EOD DDO	I NO 3	7660		85,972	87,542	300	200	4	4	87,542	100	122	4	527	20
IOIAL	TOTAL FOR PROJ NO. 37669				87,	842								- 54	17	
	GRAND TO	TAI			85,972	87,542	300	200	4	4	87,542	100	122	4	527	√ 20
	anand 10	IAL				87,8	842								54	17

PROJ. REFERENCE NO. SHEET NO. 37669 TCP - 1

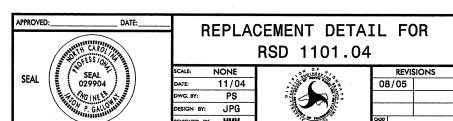




PROJ. REFERENCE NO. SHEET NO. 37669 TCP- 2



07-APR-2006 09:27 \\DOT\DFSROOTON\GROUPS-WZTCCC



PROJ. REFERENCE NO. SHEET NO. 37669 TCP-3

TRANSPORTATION

P

DEPT.

HIGHWAYS

P

DIVISION

GNS

S

WARNIN

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UNDIV

WAY

OM L

FOR

DRAWING

DETAIL

S.

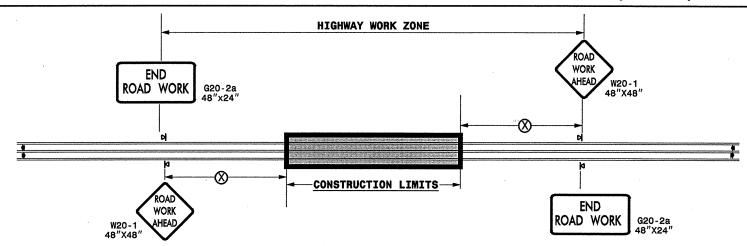
RALEIGH,

NORTH CAROLINA

PF

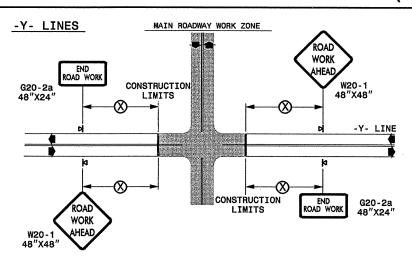
STATE





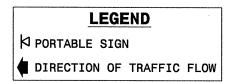
	RECOMMENDED Minimum Sign Spacing
POSTED SPEED LIMIT (M.P.H.)	⊗
≤ 50	500'
≥ 55	1000′

#### ROADWAYS INTERSECTING ALONG 2 WAY UNDIVIDED WORK ZONE (Y-LINES)

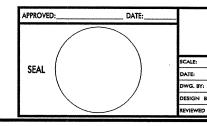


#### **GENERAL NOTES**

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH PORTABLE WORK ZONE SIGN STANDS SPECIFICALLY DESIGNED FOR ONE ANOTHER. PORTABLE WORK ZONE SIGNS MAY BE ROLL UP OR APPROVED COMPOSITE.
- PROVIDE PORTABLE WORK ZONE SIGN STANDS, PORTABLE SIGNS AND SIGN SHEETING WHICH ARE LISTED ON THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S APPROVED PRODUCT LIST OR ACCEPTED AS TRAFFIC QUALIFIED BY THE TRAFFIC CONTROL UNIT.
- \*\* TWO-WAY UNDIVIDED ADVANCE WARNING SIGN CONFIGURATION MAY BE USED ON URBAN MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.



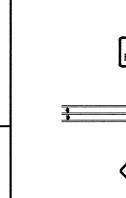
SHEET 1 OF 1

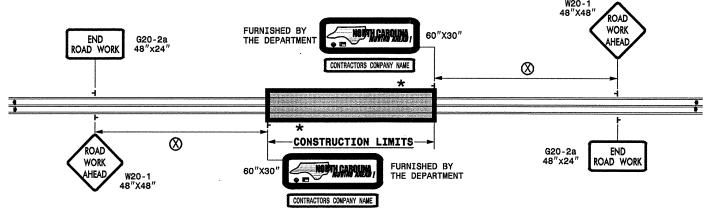


ANOLD	HOIR ZONE HA
ONE	OHOLHOS TO
	CONTROL

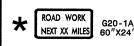
DETAIL DRAWING FOR TWO-WAY UNDIVIDED ADVANCED WORK ZONE WARNING SIGNS										
NONE	ONGINES TO		REVI	SIONS						
		7	7-98	10/01						
Y:		1	0-98	03/04						
BY:		0	1/01	11/04						
ED BY:	CONTROL	CADD FILE								







	MINIMUM SIGN SPACING
POSTED SPEED LIMIT (M.P.H.)	⊗
P.S.L. ≤ 50	350′
P.S.L. ≥ 55	500′



THIS SIGN TO BE USED ON PROJECTS LONGER THAN 2 MILES

THE NUMBER DISPLAYED ON THE SIGN IS TO BE A WHOLE NUMBER ROUNDED UP TO THE NEXT MILE

IT'S TO BE LOCATED 1,500 FEET INSIDE OF THE CONSTRUCTION LIMITS

NCMA-

TRANSPORTATION HIGHWAYS 9F RALEIGH, 9F

ADVANCE

FOR

DRAWING

SIGNS

ZONE

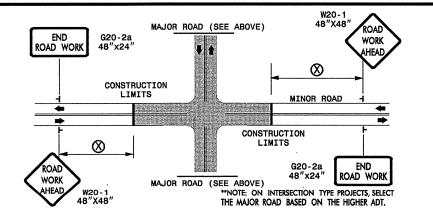
WORK

WARNING

CAROLINA

9F

#### **INTERSECTIONS** (-Y- LINES)



## FREEWAYS/INTERSTATES

DUAL MOUNT "ROAD WORK AHEAD" SIGNS 1,000' IN ADVANCE OF PROJECT LIMITS

DUAL MOUNT "MOVING AHEAD" SIGNS 500' IN ADVANCE OF PROJECT LIMITS

	 	4	
	 		<b>#</b>
			-
		4	
	 	<del></del>	
- Anna Anna Anna Anna Anna Anna Anna Ann	 ************	-	-
			-

### **GENERAL NOTES**

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- SIGNS SHOWN ARE REQUIRED FOR WORK ZONES THAT WILL REMAIN IN EFFECT OVERNIGHT. FOR SHORT-TERM DAILY MAINTENANCE TYPE OPERATIONS, THIS SIGNING APPLICATION IS OPTIONAL: MAY USE ONLY APPLICABLE ROADWAY STANDARD DRAWINGS INSTEAD. HOWEVER, IF THIS SIGNING APPLICATION IS USED, SIGNS MAY BE PORTABLE MOUNTED. USE PORTABLE WORK ZONE SIGNS ONLY WITH PORTABLE WORK ZONE SIGN STANDS SPECIFICALLY DESIGNED FOR ONE ANOTHER. PORTABLE WORK ZONE SIGNS MAY BE ROLL UP OR APPROVED COMPOSITE.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE 3LB STEEL U-CHANNEL POST OR 4" X 4" WOOD POST FOR ALL WORK ZONE SIGNS. 3LB STEEL U-CHANNEL POSTS MUST MEET THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 1094-1(B), MAY BE GALVANIZED STEEL, OR MAY BE PAINTED GREEN BY THE POST MANUFACTURER. SQUARE STEEL TUBING POSTS HAVING EQUIVALENT STRENGTH OF THE 3 LB STEEL U-CHANNEL POST ARE ALSO ACCEPTABLE FOR USE. ERECT SIGNS PER ROADWAY STANDARD DRAWING 1110.01. PAYMENT FOR WOOD POSTS, 3LB STEEL U-CHANNEL AND SQUARE STEEL TUBING POSTS WITH SIGNS WILL BE MADE ACCORDING TO STANDARD SPECIFICATION "WORK ZONE SIGNS" SECTION 1110.
- WHEN NECESSARY, USE SPLICING IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1110.01. REMOVE ENTIRE POST WHEN REMOVING SIGNS WITH SPLICED POSTS.
- DO NOT BACK BRACE SIGN SUPPORTS.

FURNISHED BY THE DEPARTMENT

60"X30'

CONTRACTORS COMPANY NAME

60" Max. X 12"

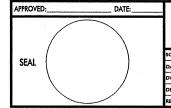
#### LEGEND

- STATIONARY SIGN

■ DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 1

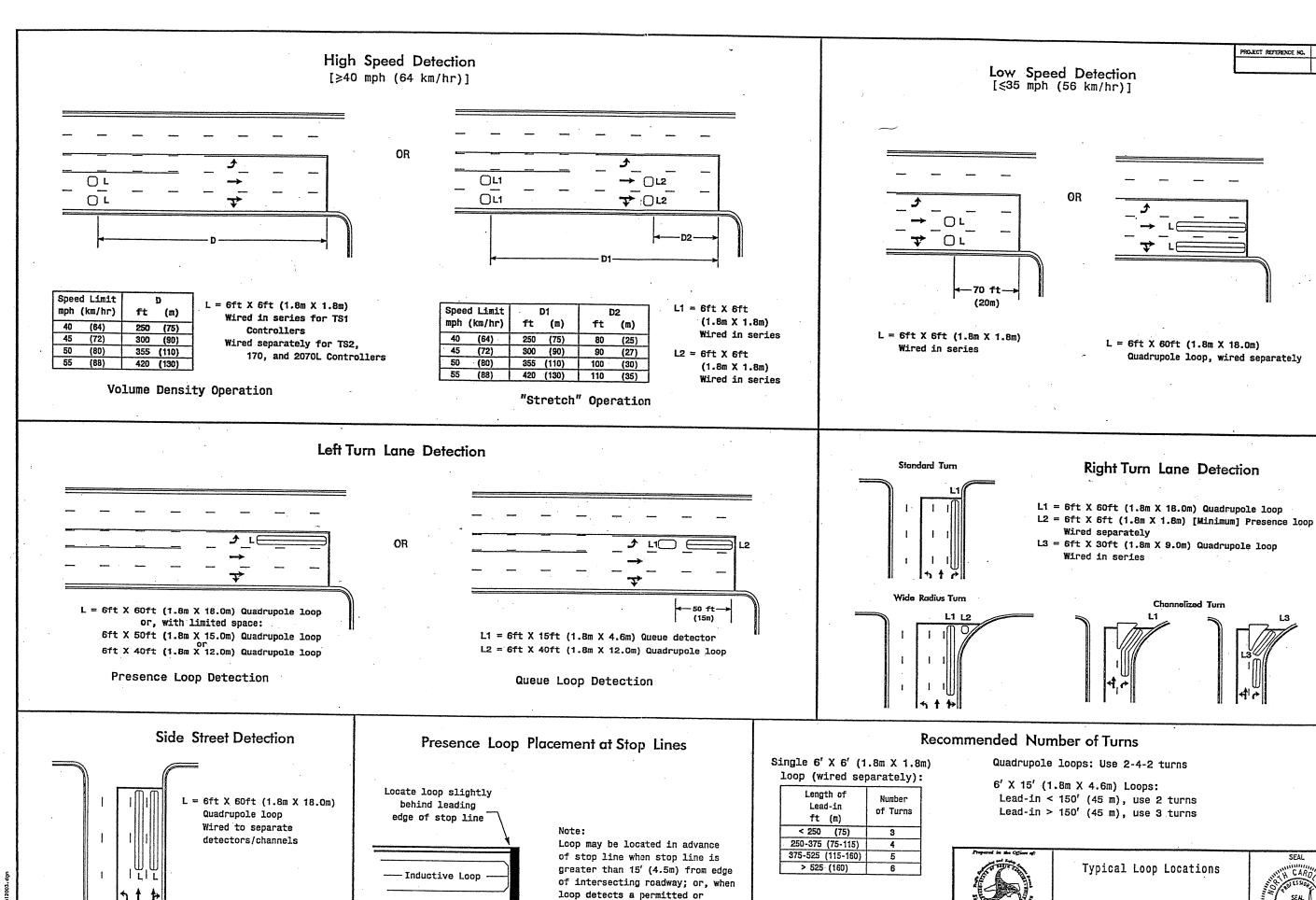
DETAIL



DVANC	E WA	RNING	WORK	< ZONE
SIGNS	FOR	"MOVI	NG A	HEAD"

CALE:	NONE	T
ATE:	07/03	1
WG. BY:	JSK	7
ESIGN BY:	JSK	7
EVIEWED BY	: SK	

Т	REVISIONS		
Г	11/04		
Г	12/04		
Γ			
Č	NOD		



exclusive/permitted left turn.

PROJECT REFERENCE NO. SHEET NO.

PLAN DATE: JULY 2003 REVIEWED BY: PREPARED BY: P L Alexander REVIEWED BY:

N/A